

D.G. 20

RE-RUN



1600

## RAW SEQUENCE LISTING

DATE: 01/28/2003

PATENT APPLICATION: US/09/580,476

TIME: 11:22:31

Input Set : A:\Flavivirus Sequence ID Listing.txt

Output Set: N:\CRF4\01282003\I580476.raw

2 <110> APPLICANT: Westaway, Edwin  
 3 Khromykh, Alexander  
 4 Varnavski, Andrei  
 5 <120> TITLE OF INVENTION: Flavivirus Expression and Delivery  
 6 <130> FILE REFERENCE: 37164.6.0  
 7 <140> CURRENT APPLICATION NUMBER: US 09/580,476  
**C--> 12 <141> CURRENT FILING DATE: 2000-05-26**  
 13 <160> NUMBER OF SEQ ID NOS: 6  
 14 <170> SOFTWARE: PatentIn version 3.0  
 15 <210> SEQ ID NO: 1  
 16 <211> LENGTH: 26  
 17 <212> TYPE: DNA  
 18 <213> ORGANISM: Artificial  
 19 <214> FEATURE:  
 20 <215> OTHER INFORMATION: Artificial organism means primer for Kunjin virus replicon  
 (KUN)  
 21 <216> NS5' sequence  
 22 <217> SEQUENCE: 1  
 23 ctctcttaact ct ctgctaaa ggcctt 26  
 24 <218> SEQ ID NO: 2  
 25 <219> LENGTH: 5  
 26 <220> TYPE: DNA  
 27 <221> ORGANISM: Artificial  
 28 <222> FEATURE:  
 29 <223> OTHER INFORMATION: Artificial organism means primer for junction of the 3' end  
 of th  
 30 Kunjin virus (KUN) and the hepatitis delta virus (HDV)  
 31 <224> SEQUENCE: 2  
 32 ctctctctctg gctctggttc ggcctggcat ct 32  
 33 <225> SEQ ID NO: 3  
 34 <226> LENGTH: 17  
 35 <227> TYPE: DNA  
 36 <228> ORGANISM: Artificial  
 37 <229> FEATURE:  
 38 <230> OTHER INFORMATION: Artificial organism means primer for Simian virus 40 (SV40)  
 polyA  
 39 <231> acylation signal  
 40 <232> SEQUENCE: 3  
 41 ctctctctctg gctctggttc ggcctggcat ct 28  
 42 <233> SEQ ID NO: 4  
 43 <234> LENGTH: 30  
 44 <235> TYPE: DNA  
 45 <236> ORGANISM: Artificial  
 46 <237> FEATURE:

63 <223> OTHER INFORMATION: Artificial organism means primer for cytomegalovirus-  
immediate ea

64 rly (CMV-IE) promoter region

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```

66 <400> SEQUENCE: 4
67 ggqettaaga cattgattat tgactagtta 30
70 <10> SEQ ID NO: 5
71 <11> LENGTH: 32
72 <12> TYPE: DNA
73 <13> ORGANISM: Artificial
74 <14> FEATURE:
75 <15> OTHER INFORMATION: Artificial organism means primer for junction of
cytomegalovirus
77 (CMV) promoter and the 5' untranslated region (5'UTR) of the Kunj
78 in replicon (KUN) sequence
80 <400> SEQUENCE: 5
81 atttactga accgagttagt tcgactgtgt ga 32
84 <10> SEQ ID NO: 6
85 <11> LENGTH: 29
86 <12> TYPE: DNA
87 <13> ORGANISM: Artificial
88 <14> FEATURE:
89 <15> OTHER INFORMATION: Artificial organism means primer for the 2A autoprotease of
the f
91 food and mouth disease virus (FMDV-2A)
93 <400> SEQUENCE: 6
94 gtgacggctc ggcggggccc tgggttgga 29

```

## RAW SEQUENCE LISTING ERROR SUMMARY

DATE: 01/28/2003

PATENT APPLICATION: US/09/580,476

TIME: 11:22:32

Input Set : A:\Flavivirus Sequence ID Listing.txt

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## Invalid &lt;213&gt; Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/580,476

DATE: 01/28/2003

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Input Set : A:\Flavivirus Sequence ID Listing.txt

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1:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date